

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jul/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.590	3099.166	1) Gujrat	5.353	44.449
2) Hydro	19.224	214.244	2) Madhya Pradesh	19.441	534.433
3) Gas	10.023	272.896	3) Chattisgarh	6.840	240.770
Total MSPGCL	143.837	3586.306	4) Maharashtra Net	89.445	2664.040
B) 1) APML	61.038	1745.263	5) Goa (Amona)	-0.506	-14.542
2) JSWEL	14.975	411.165	Total	120.573	3469.150
3) VIPL	0.000	174.292	a) Mumbai Schedule	22.023	654.749
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.632	858.684
5) WPCL	2.695	92.471	c) MSEDCL Bilateral *	12.774	533.997
6) PGPL	0.000	0.000	Include PX	-2.321	7.424
7) Other IPP	3.204	96.420	d) Mumbai Bilateral *	22.023	652.739
C) 1) TPCL Thermal	15.663	418.881	Include PX	11.662	200.929
2) TPCL Hydro	6.088	150.116	Include Standby	0.000	2.010
3) TPCL Gas	4.390	93.512	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.807	311.111	1) MSEDCL	349.193	10194.571
D) STATE			2) Mumbai Discoms	60.581	1832.295
1) Thermal	222.972	6348.769	TOTAL STATE	409.774	12026.866
(A1+C1+C4+(B1-B6))					
2) Hydro	25.312	364.360			
(A2+C2)					
3) Gas	14.413	366.408			
(A3+B6+C3)					
4) Wind	24.751	1427.113			
6) SOLAR	1.752	51.075			
TOTAL STATE	289.200	8557.725			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4477	4547	5075	4702
MSPGCL Hydro	1792	1866	802	130
MSPGCL Gas	414	423	425	418
MSPGCL Total Generation	6683	6836	6302	5250
Central Sector Receipt	5423	5430	4741	4103
WIND	932	821	1282	824
CPP / IPP Thermal	3452	3457	3354	3470
CPP / IPP Gas	0	0	0	0
SOLAR	183	194	0	0
Exchange with Mumbai	-1241	-1244	-1004	-755
MSEDCL DEMAND MET	15432	15494	14675	12892
Load Shedding	0	0	0	0
MSEDCL DEMAND	15432	15494	14675	12892
TPCL GENERATION	1369	1312	1275	626
R-INFRA GENERATION	497	501	496	373
MUMBAI DEMAND	3107	3057	2775	1754
STATE DEMAND MET	18539	18551	17450	14646
STATE DEMAND	18539	18551	17450	14646
Frequency (Hz)	49.89	49.97	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.03 Hrs	49.78 Hz at 11.49 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 31/Jul/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.37	282.50	504	391
Unit 9	11.20	272.53	505	364
Unit 10	11.52	301.78	550	300
Total	34.08	856.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	2.82	55.15	385	0
Unit 5	0.00	22.97	0	0
Total	2.82	78.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.72	30.29	200	190
Unit 4	4.38	119.40	186	180
Unit 5	0.41	235.17	309	0
Unit 6	9.52	289.62	410	369
Unit 7	10.02	295.95	432	407
Unit 8	11.38	283.20	500	410
Unit 9	10.22	291.06	450	324
Total	50.65	1544.68		
Paras				
Unit 3	5.71	158.37	250	190
Unit 4	5.80	70.22	257	194
Total	11.51	228.59		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	11.16	152.25	500	360
Total	11.16	203.49		
Nasik				
Unit 3	4.37	86.97	200	161
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	4.37	187.48		
Uran				
All Units	10.02	272.90	433	403
Total	10.02	272.90		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	3.56	24	0
Total	0.05	3.56		
Koyna				
Stage 1-2	4.99	81.66	550	40
Stage 4	7.12	29.11	1000	0
Stage 3	3.48	47.24	240	0
Total	15.59	158.01		
Hydro				
KDPH	0.86	2.32	36	35
VTRNA	1.18	7.66	61	0
TILLARI	0.00	6.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	13.08	80	0
RNGR+BHTSA	0.46	2.90	20	19
BHANDARDRA	0.34	12.69	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	5.16	19	18
GHATGHAR	0.00	5.44	0	0
Total	3.63	56.23		
Wind				
Total	24.75	1427.11	0	0
Total	24.75	1427.11		
CPP				
APML(Mus)	61.04	1745.26	0	0
JSWEL(Mus)	14.98	411.16	0	0
VIPL(Mus)	0.00	174.29	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	92.47	0	0
Other(Mus)	3.20	96.42	0	0
Total	81.91	2519.61		
SOLAR				
Total	1.75	51.08	0	0
Total	1.75	51.08		
Tata				
Trombay 5	10.22	268.45	490	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	59.22	122	86
Trombay 7B	1.61	34.29	69	59
Trombay 8	5.44	150.44	246	200
TATA Hydro	6.09	150.12	450	0
Total	26.14	662.51		
R-INFRA				
DTPS U-1&2	10.81	311.11	501	371
Total	10.81	311.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.59	3099.17	MSPGCL Total	143.84	3586.31
			MSPGCL Thml+Gas	124.61	3372.06	Koyna 1,2 & 4 Total	12.11	110.77
			MSPGCL Hydro	19.22	214.24	State Total	289.20	8557.72

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 31/Jul/2017

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4834	245	418	5497	1095	3411	0	0	4331	4413	-1007	13409	0	13409	2104	15513	50.00
2	4518	330	420	5268	1057	3304	0	0	4049	4453	-849	13233	0	13233	1940	15173	50.03
3	4650	173	416	5239	861	3455	0	0	3994	4196	-773	12978	0	12978	1825	14803	50.02
4	4702	130	418	5250	824	3470	0	0	3948	4103	-755	12892	0	12892	1754	14646	50.02
5	4673	150	418	5241	799	3460	0	0	4314	4671	-727	13444	0	13444	1750	15194	49.97
6	4784	425	432	5641	739	3449	0	0	4575	4902	-607	14124	0	14124	1867	15991	49.99
7	4844	1258	425	6527	705	3464	0	7	4778	5225	-546	15382	0	15382	2016	17398	50.00
8	4817	1622	433	6872	711	3443	0	80	4851	5354	-777	15683	0	15683	2271	17954	50.03
9	4757	1466	419	6642	714	3423	0	154	5082	5554	-884	15603	0	15603	2477	18080	50.03
10	4631	1531	415	6577	830	3452	0	198	5207	5461	-1131	15387	0	15387	2920	18307	49.99
11	4527	1557	412	6496	849	3452	0	196	5225	5607	-1296	15304	0	15304	3110	18414	49.98
12	4477	1792	414	6683	932	3452	0	183	5286	5423	-1241	15432	0	15432	3107	18539	49.89
13	4547	1866	423	6836	821	3457	0	194	5324	5430	-1244	15494	0	15494	3057	18551	49.97
14	4637	1271	416	6324	1075	3477	0	177	5325	5583	-1168	15468	0	15468	2970	18438	50.02
15	4733	1108	403	6244	1132	3456	0	227	5378	5618	-1200	15477	0	15477	2991	18468	50.00
16	4844	816	409	6069	1317	3424	0	135	5418	5686	-1208	15423	0	15423	3009	18432	49.98
17	4912	442	407	5761	1414	3415	0	107	5269	5721	-1285	15133	0	15133	2998	18131	49.97
18	4766	349	412	5527	1501	3350	0	79	5270	5137	-1424	14170	0	14170	2895	17065	50.03
19	4871	407	415	5693	1531	3352	0	15	4562	4413	-1326	13678	0	13678	2778	16456	50.04
20	5075	802	425	6302	1282	3354	0	0	4456	4741	-1004	14675	0	14675	2775	17450	49.95
21	5119	480	418	6017	1154	3355	0	0	4702	5081	-891	14716	0	14716	2702	17418	50.00
22	5023	442	406	5871	1162	3335	0	0	4604	4637	-766	14239	0	14239	2557	16796	49.98
23	4974	351	428	5753	1121	3330	0	0	4598	4559	-757	14006	0	14006	2444	16450	49.99
24	4875	211	421	5507	1125	3372	0	0	4430	4604	-766	13842	0	13842	2263	16105	50.02
MUs	114.59	19.22	10.02	143.84	24.75	81.91	0.00	1.75	114.98	120.57	-23.63	349.19	0.00	349.19	60.58	409.77	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2017

Position as on 6.30 Hrs of 01/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48	01/08/2017	00.04	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2017

Position as on 6.30 Hrs of 01/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46	31/07/2017	11.59	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	27/07/2017	13.00		Continued.	ID Fan Problem	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
IPP	VIPL U-2	300	30/07/2017	11.02		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	31/07/2017	01.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	29/07/2017	18.07	31/07/2017	18.34	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/07/2017	22.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad-Jaigad - I	IntraState	28/07/2017	17.00		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/07/2017	19.55		Continued.	HT	Over Voltage
Bus Coupler @ Chandrapur	IntraState	29/07/2017	23.17	31/07/2017	01.05	EO	air leakage in breaker compressor.
Padghe - Kalwa- I	IntraState	01/08/2017	05.56		Continued.	HT	Attending Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Khaparkheda-Butibori 3	InterState	31/07/2017	10.48	31/07/2017	15.56	PO	For safety requirement.
Solapur (Pg) South Solapur li	InterState	31/07/2017	16.52	31/07/2017	18.59	PO	Attending Hot Spot
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Vita - Ghatnandre	IntraState	31/07/2017	02.23		Continued.	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	31/07/2017	10.04	31/07/2017	13.30	PO	Quarterly Maintainance Work
Khaparkheda-Ambazari-I	IntraState	31/07/2017	10.39	31/07/2017	15.51	PO	Line Maintenance work
Theur-Phursungi	IntraState	31/07/2017	11.17	31/07/2017	13.20	PO	Attending Hot Spot
Gadchandur - Virur-I	IntraState	31/07/2017	12.24	31/07/2017	20.00	PO	Replacement of cc of R&B phase, line isolator alignment.
Kalwa - Mulund 1	IntraState	01/08/2017	02.31		Continued.	EO	conductor replacement work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 KV 100MVA ICT I @ Balapur	IntraState	31/07/2017	11.42	31/07/2017	12.45	PO	OLTC oil top up.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage